AMENDMENTS TO THE CLAIMS

Please amend the following claims as follows:

1. (Original) An anti-adhesion patch, comprising:
a collagenous material; and
at least one non-living cellular component.

2. (Original) The anti-adhesion patch of claim 1, wherein said collagenous material is collagen type I or a combination of collagen type I and a co-component.

3. (Original) The anti-adhesion patch of claim 2, wherein said co-component is selected from the group consisting of elastin, interstitial collagens, collagen type III, V and IX, glycoproteins and proteoglycans.

4. (Original) The anti-adhesion patch of claim 1, wherein said collagenous material is from a natural source or a recombinant source.

5. (Original) The anti-adhesion patch of claim 1, wherein said non-living cellular component is from a natural source or a recombinant source.

6. (Original) The anti-adhesion patch of claim 5, wherein said non-living cellular component from a natural source is human connective tissue cell.

7. (Original) The anti-adhesion patch of claim 6, wherein said human connective tissue cell is a fibroblast cell or a vascular smooth muscle cell.

8. (Original) The anti-adhesion patch of claim 7, wherein said fibroblast cell is a dermal fibroblast cell.

9. (Original) The anti-adhesion patch of claim 5, wherein said non-living cellular component from a recombinant source is an engineered cell.

10-24. (Cancelled)

25. (Currently amended) A method for preventing tissue adhesions between organs and other tissues being operated upon during surgical procedures, comprising the step of:

attaching an anti-adhesion patch to one of the surfaces of the tissues being operated upon, wherein said anti-adhesion patch comprises a collagenous material and at least one non-living cellular component, wherein said anti-adhesion patch is biodegradable and participates in formation of adhesion thereby preventing tissue adhesions between organs and other tissues being operated upon ~~and is biodegradable during the recovery~~.

26. (Cancelled)

27. (Original) The method of claim 25, wherein said anti-adhesion patch is attached to the traumatized tissues using a tissue glue.

28. (Currently amended) The method of claim 27, wherein said tissue glue is a fibrin tissue glue or another type of biocompatible bio-adhesive.

29. (Original) The method of claim 28, wherein said another type of bio-adhesive is Nitinol Coupler.

30. (New) The method of claim 25, wherein the surgical procedures occur at an anatomical location selected from a group consisting of thoracic cavity, abdominal cavity, ophthalmic system, orthopedic system, central nervous system, reproductive tract and an oral cavity.

31. (New) A method for enhancing wound healing and tissue repairing, the method comprising the steps of:

attaching an anti-adhesion patch to one of the surfaces of the wounded tissue; and

packing a soft or connective tissue wound;

wherein said anti-adhesion patch comprises a collagenous material and at least one non-living cellular component, wherein said anti-adhesion patch is vascularized and populated by wound healing cells in such a way as to participate in tissue augmentation and remodeling thereby enhancing wound healing and tissue repair.

32. (New) The method of claim 31, wherein said anti-adhesion patch is attached to the wounded tissue using a tissue glue

33. (New) The method of claim 32, wherein said tissue glue is a fibrin tissue glue or another type of biocompatible bio-adhesive.

34. (New) The method of claim 33, wherein said another type of bio-adhesive is Nitinol Coupler.